If we don’t ration health care the system will go broke.

Health-Care Rationing Is Inevitable

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Definition:
(merriam-webster)

**Ration** - a share especially as determined by supply

**QUESTION**
Where are we?

**SCARCITY**
SUPPLY

SCARCITY

DESPERATE TIMES

DESPERATE MEASURES

RATIONING

-  

+  

QUESTION

What would you like?
Rationing In USA history

Civil war

Great Depression

WW I

WW II

Great Depression
Hospital cost / day
$1,176 - $3,081
ICU costs:
On vent - $10,794
No vent - $6,667

CBC - $68
CHEM 7 - $80
LFTs - $130
Troponins - $33
ECG - $40
CXR - $200
CT - $3470
1980: $245 billion / person
2001: $1.4 trillion / person
2011: $2.8 trillion / person

$9,216 / person / year
Case # 1

• Baby J, 1 yo Canadian-born ♂ with Leigh's disease. (incurable neurometabolic disorder)
• Life expectancy 2months – 2 years
• Child's condition deteriorates into respiratory distress, requiring vent placement – refused by the hospital in Canada.
• TCH in St. Louis, accepted the patient, performed a tracheotomy and kept on ventilation in PICU
• The patient died 10 days later.
• Problem time – 10 days
### Baby J 10 day cost

- CBC - $68 x 10
- CHEM 7 - $74 x 10
- LFTs - $130 x 1
- ABG - $100 x 10
  - ECG - $40
- CXR - $200 x 10
- CT - $3,470 x 1
- PICU - $10,794 x 10
- Tracheotomy - $2,500

**Total: $118,500**
(in 10 days)

### 2nd grade Math

$118,500 ÷ 10 days =
$11,850 / day

$9,216 / person / year

$118,500 ÷ $9,216 =
12 people

**QUESTION**

Are you ready to be one of those 12?
Case # 2

- MK, 61yo ♂ with Small Cell Lung Carcinoma
- PMH: DM, HTN, PVD, COPD.
- PSH: R BKA at age 55 yo
- SH: + ETOH, + tobacco, continues to smoke 1 ppd
- Tx: R lung lobectomy
- Post-op: delayed extubation (7 days) + pneumonia
- Hospital stay 22 days: 10 in ICU + 12 ward
- Pt D/C home: continues to smoke
- 1.5 years later – recurrent Lung cancer
- Died 3 months later.
- Problem time – 2 years
MK 2 year cost

- Hospital stay (22 days)  
  $180,000
- RL Lobectomy - $74,000
- Meds - $4,800
- CT (x 3) - $10,410

Total: $270,000 (in 2 years)

2nd grade Math

$270,000 ÷ 2 years  
=  $135,000 / year

$135,000 ÷ $9,216  
=  14 people

QUESTION

Are you ready to be one of those 14?
QUESTION

Are you ready?
MOREOVER...

$2.8 trillion/year for Health
Chronic ds : Acute ds
3 : 1

Diabetes
CKD
ESLD
Stroke
Smoking

Hep C → 100% re-infect → hepatitis → liver failure …

$100,000 – $400,000

Liver Transplant

ETOH → 1/3 pts relapse

($1,200,000,000 / year)

(6,000 / year in USA)
The Oregon Health Plan

- Cut liver transplant (cirrhosis related to alcohol consumption)
- 600,000 previously uninsured are covered
- State’s uninsured rate dropped from: 17% (1992) 11% (1997)
Arizona Health Reform

- $2.6 billion shortfall
- Cut liver transplant (Hep C cirrhosis)
- 100 patients affected
- Expected savings: $20 mln by June 2011
"RATIONING IS A TOUGH, EFFECTIVE AND TEMPORARY MEASURE TO FIGHT BACK THE ECONOMIC SHORTFALLS"

DESPERATE TIMES CALL FOR DESPERATE MEASURES!
Thank You